



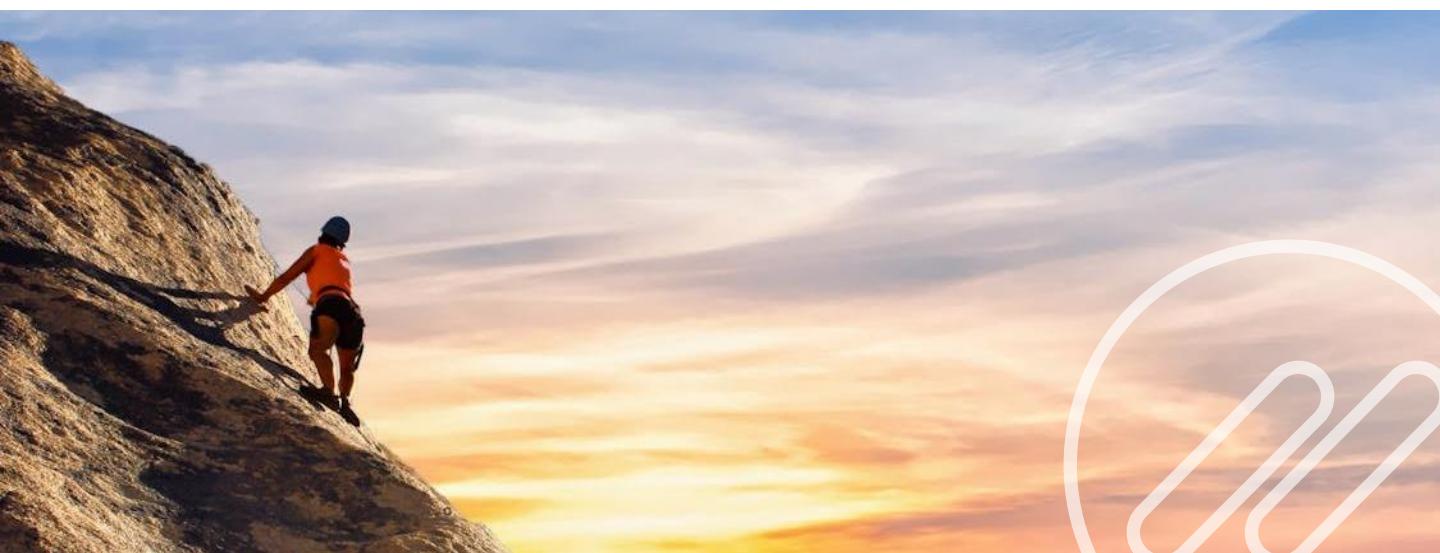
livinguard

better fresh

Nonstop sustainable freshness (trade name: Livinguard BF)

A next-generation odor control finishing technology. Combining leading odor reduction performance with a superior safety, environmental & cost profile. Versatile across different odorants with high odor neutralization capacity. Reducing the shedding of microfibers for improved environmental footprint and enhanced product longevity.

We empower people to feel better & do better.



BENEFITS & CLAIMS



Better performance

Leading odor reduction across broad range of odor molecules (e.g. isovaleric acid, acetic acid, nonenal) as per ISO 17299-3

High capacity to neutralize odors even without washing before reaching saturation



Better durability

High wash durability tested up to 100x home laundries (as per AATCC 135) without decrease in odor reduction performance



Better chemistry

Easy global market access outside of the scope of biocidal product regulations

Increased safety for consumers as well as the environment due to metal-free & biocide-free formulation



Better sustainability

Reduced shedding up to 80% lower discharge of microfibers during household washing*

Enhancing product life due to less frequent & lower temperature washing and fiber protection



Better adoption

Cost effective application across substrates together with other finishings for minimal added costs (padding or exhaust)

Simple traceability for low-cost & effective verification along the entire supply chain

Patent pending, developed & manufactured in Switzerland

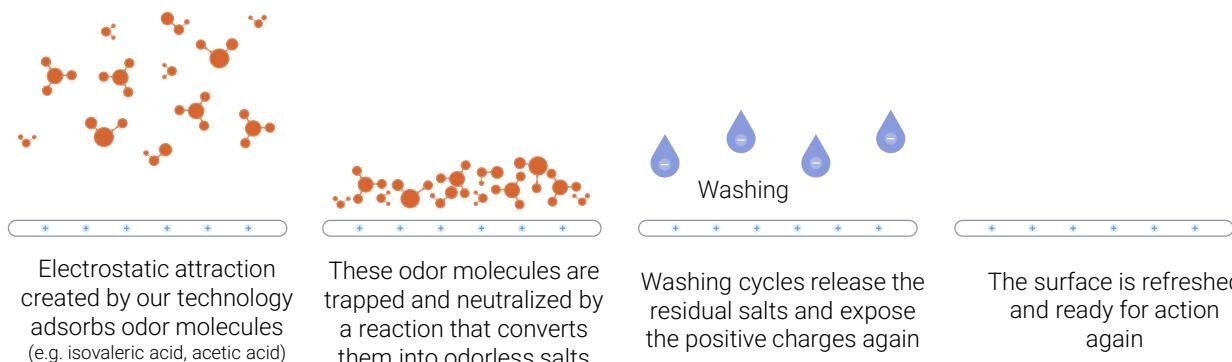
* measured results may vary depending on fabric, application parameters, and testing variables



Compliance confirmed, registrations pending

FEEL BETTER: OUR ODOR CONTROL TECHNOLOGY EXPLAINED

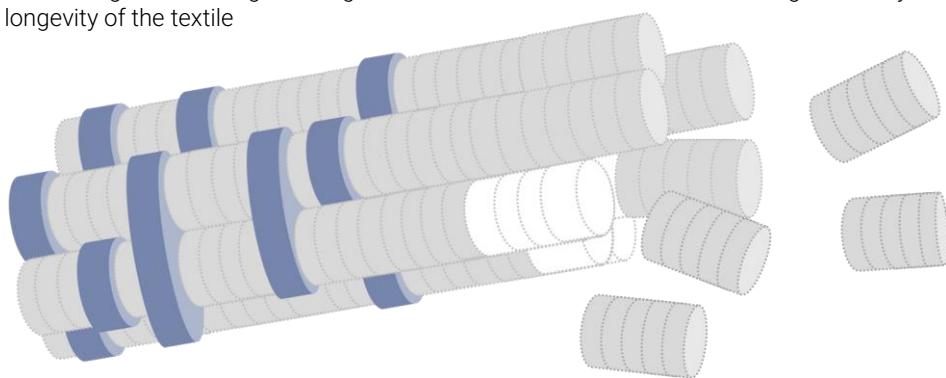
Our technology functionalizes textiles with a permanent positive surface charge to enable a unique odor adsorption mechanism that neutralizes unpleasant odors to prevent the formation of 'permastink'.



DO BETTER: OUR FIBER PROTECTION TECHNOLOGY EXPLAINED

With *Livinguard Better Fresh*

Polymers of different lengths strongly wrap around the fibers and reduce fiber fragmentation and the shedding of harmful microfiber fragments during washing while increasing the longevity of the textile



Without treatment

Microfiber particles separate from the fabric and are released during washing - subsequently entering waterways and food chains

Everyday apparel & formal wear

Pet products

Sportswear, shoes & outdoor gear

Home furnishings & upholstery

Underwear & base layers

Household textiles

Uniforms & workwear

Reusable personal hygiene

SUITABLE APPLICATIONS

ABOUT LIVINGUARD TECHNOLOGIES

We are a Swiss material science company enabling our partners to deliver leading performance and function that is safer for consumers and the environment.

Proprietary technologies with over 200 patents filed
In-house capabilities with own microbiology & applications labs
Global network of industry experts, development & testing partners
True partnership with deep collaboration & co-development